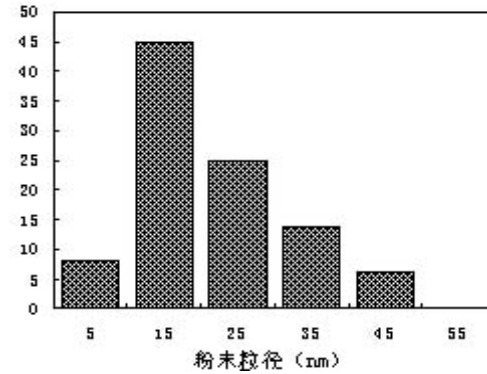


Specification of Aluminium nanopowder

	Index	Index value
1	Appearance	Black powder
2	Average Particle Size	18nm
3	Range of Diameter	0-50nm
4	Purity	99.9%+
5	Specific surface area (m ² /g)	40-60
6	Bulk density (g/cm ³)	0.08-0.2



Distribution of particle size(nm)

Applications:

1) **Efficacious catalyzer**

Adding aluminum nanoparticle into the solid fuel propellant of rocket improves combustion speed, substantially increase combustion heat and combustion stability.

2) **The superficial conductive coating processing of metal and non-ferrous metal**

Due to their high-activity surface, aluminum, copper and nickel nanoarticle can coat under oxygen-free condition below smelting point of the particles. This technology can be adopted in the manufacture of microelectronic devices.